

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-13 (cancelled).

14. (previously presented) Method for creating a map of available physical resources on the interface level within an IP network, by performing the steps of:

-*combining* (303) a topology map of said IP network with resource information that comprises information about identities of logical addresses and quantity of logical addresses, the method is **characterised** in the further step of:

-*performing* (304) a mapping between said logical addresses and a physical interface within said IP network.

15. (previously presented) Method according to claim 14, wherein the topology map is obtained by a topology aware resource manager.

16. (currently amended) Method according to claim 14, wherein the mapping is performed by collecting information from network elements, ~~e.g. routers~~ by using SNMP.

17. (previously presented) Method according to claim 14, wherein said mapping is performed by a resource manager.

18. (previously presented) Method according to claim 17, wherein said resource manager is implemented within a router or a server.

19. (previously presented) Method according to claim 14, wherein said logical address is an IP address.

20. (currently amended) A computer program ~~product~~ directly loadable into stored on computer readable storage medium and executed on a server and/or a router within an IP network comprising the software code portions for performing the steps of claim 14.

21. (currently amended) A computer program stored on computer readable storage medium~~product stored on a computer usable medium~~, comprising readable program for causing a processing means within a server and/or a router within an IP network to control the execution of the steps of claim 14.

22. (previously presented) Resource manager for creating a map of available physical resources on the interface level within an IP network, comprising means (502) for combining a topology map of said IP network with resource information that comprises information about identities of logical addresses and quantity of logical addresses, the resource manager is **characterised** in that it further comprises means (504) for performing a mapping between said logical addresses and a physical interface within said IP network.

23. (previously presented) Resource manager according to claim 22, wherein it further comprises means for creating a topology map.

24. (currently amended) Resource manager according to claim 22, wherein the resource manager further comprises means for obtaining the physical resource information by collecting information from network elements, ~~e.g. routers~~ \_by using SNMP.

25. (previously presented) Resource manager according to claim 22, wherein said resource manager is implemented within a router or a server.

26. (previously presented) Resource manager according to claim 22, wherein said logical address is an IP address.

27. (new) Method according to claim 14, wherein the resource information further comprises bandwidth information of the physical interface.